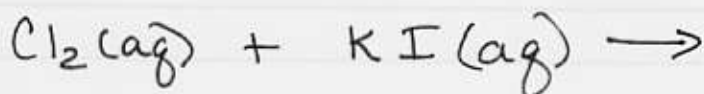


# Example

a) Aqueous chlorine is added to potassium iodide



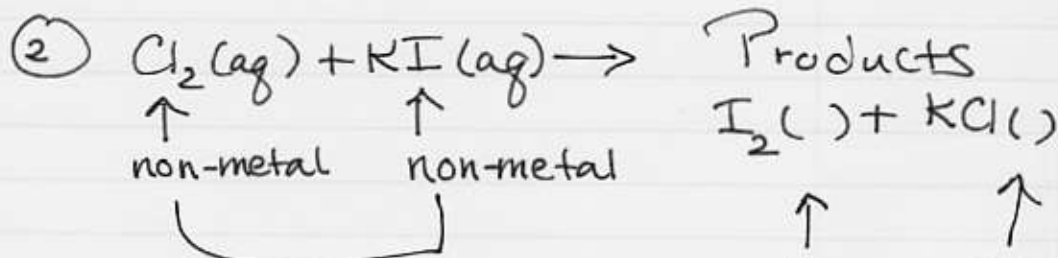
## STEPS

① Type of reaction?

② Predict products

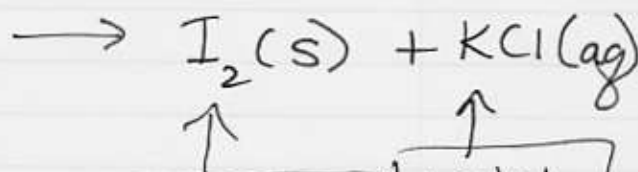
③ Consult solubility table to decide if aq or s for single or double replacement reactions

① element + compound → Single replacement



④ Use standard diagnostic tests & ion colours table & predict properties of products

⑤ Check Evidence and include additional information.



precipitate since it is a solid in an aqueous mixture

violet flame colour

yellow-brown colour

purple with hydrocarbon test.

Final Answer



odour  
like a  
swim  
pool

precipitate  
yellow-brown  
colour

violet  
flame  
colour  
purple colour  
with hydrocarbon  
test